



Fact Sheet

U.S. Steel-Midwest Plant, Portage, Indiana RCRA Hazardous Waste Permit Renewal

The Indiana Department of Environmental Management (IDEM) has prepared this fact sheet to inform the public of the process involved in issuing a Hazardous Waste Management Permit Renewal to U.S. Steel-Midwest Plant, Portage, Indiana.

The Solid Waste Disposal Act, commonly known as the Resource Conservation and Recovery Act (RCRA) was passed in 1976. This allowed for the regulation of the management of hazardous waste. In the State of Indiana, the IDEM is authorized by the Indiana Environmental Statutes, IC 13-22, to administer the hazardous waste permit program and related hazardous waste management requirements. Any facility which treats, stores, and/or disposes of hazardous waste in the State of Indiana is required to obtain a final hazardous waste management permit. In addition, any hazardous waste facility receiving a permit is required to provide corrective action for all releases of hazardous waste or of hazardous waste constituents from any solid waste management unit on-site.

Facility Description

U. S. Steel-Midwest Plant is a steel finishing facility located at 6300 US Highway 12, Portage, Indiana. Raw product in the form of hot rolled coils is received from other facilities and subjected to supplemental treatment and coating. No basic steel production takes place at Midwest Plant.

The facility is applying for a renewal permit as owner and operator of an on-site

hazardous waste landfill (Greenbelt II) to dispose of wastewater treatment sludge (F006 listed waste) from electroplating operations. Constituents of concern in the sludge are cadmium, chromium, lead, nickel, silver, and cyanide.

IDEM has prepared a Draft Permit that addresses general facility, corrective action, landfill, ground water monitoring, closure and post-closure care, and compliance schedule conditions.

Draft Permit Conditions Summary

I. Standard Conditions: These conditions are of a general nature and are required for all facilities that manage hazardous waste under a RCRA permit.

II. General Facility Conditions: These conditions are also general in nature and required for all facilities, but are more specific in determining operating requirements.

III. Corrective Action Conditions: These conditions provide for the investigation and remediation of any releases from a Solid Waste Management Unit (SWMU) or area of concern (AOC). These conditions also require owners and operators to provide information, including sampling, to the IDEM to support whether or not a release has occurred.

IV. Landfill Conditions: These conditions are specific regulatory requirements of the Indiana Hazardous Waste Rules which are

applicable to landfills. This section contains information on waste identification, location information, design requirements, operating requirements, surveying and recordkeeping, closure and post-closure, and any special requirements.

V. Groundwater Monitoring Conditions:

These are specific regulations the facility must follow that are applicable to a groundwater monitoring plan. Included in this section are well descriptions, placement, and characteristics as well as regulatory provisions for the monitoring plan.

VI. Compliance Schedule Conditions:

These conditions specify a compliance schedule leading to compliance with the Indiana Hazardous Waste Rules.

Draft Permit Attachments

Attachment A - Part A Application: The Part A Application details the facility location, ownership, U.S. EPA identification number, type of business, type and quantity of hazardous waste managed and the hazardous waste management practice of the facility.

Attachment B - Facility Description: This attachment is meant for general information of the site and surrounding land.

Attachment C - Waste Characteristics/Waste Analysis Plan: This attachment contains the Waste Analysis Plan which describes, in detail, the procedures to be used by the facility to identify the hazardous wastes to be handled on-site. The Plan includes regulatory analytical methods, procedures for physical waste identification.

Attachment D - Process Information: This attachment describes, in detail, the

management practices the facility will utilize to ensure safe and proper disposal of hazardous waste in Greenbelt II Landfill. The Plan includes liner and leachate collection system design, construction, and maintenance procedures, as well as inspection procedures and schedules.

Attachment E - Ground Water Monitoring: Ground water monitoring is not required for this facility.

Attachment F - Procedures to Prevent Hazards: This attachment contains the security measures and preparedness and prevention procedures to ensure the safety of the workers on-site, as well as to prevent unauthorized access. This section is closely related to the Contingency Plan and Inspection Plan.

Attachment G - Contingency Plan: The Contingency Plan describes the actions facility personnel will take in response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or water at the facility.

Attachment H - Personnel Training: This attachment describes the training requirements for personnel working with hazardous waste at the facility.

Attachment I - Closure Plan: The Closure Plan describes, in detail, the activities and procedures that will be carried out to ensure that the hazardous waste management unit has been closed in accordance with 329 IAC 3.1. The Post-Closure Plan describes, in detail, the inspection, monitoring, and maintenance activities and procedures that will be carried out during the thirty (30) year post-closure care period.

Attachment J - Corrective Action for Solid Waste Management Units: This attachment details the facility's obligation to notify the IDEM of SWMUs, and information pertaining to releases from any SWMUs. It also describes current conditions at the facility, and how the facility will investigate each SWMU and AOC for releases of hazardous waste(s) and hazardous constituents(s).

Public Participation

IDEM is conducting public participation to ensure all interested parties have an opportunity to comment on the Draft Permit. The Public Comment Period extends from August 4, 2008 thru September 18, 2008. The official public notice was published on August 4, 2008, in the Vidette-Messenger, Valparaiso, Indiana. The public notice was also broadcasted over local radio station WJOB.

All comments regarding the State Draft Permit must be postmarked by September 18, 2008 (or e-mailed) and addressed to:

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Indianapolis, IN 46204
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Any interested person may request a public hearing. The request must be in writing and state the nature of the issues to be raised at the public hearing. The Commissioner shall hold a public hearing whenever it is determined, on the basis of requests, that a significant degree of public interest exists.

To view a copy of the State Draft Permit, visit the following locations:

IDEM Virtual File Cabinet at
<http://www.in.gov/idem/>

Porter County Public Library
Portage Public Library
2665 Irving Street
Portage, Indiana 46368-3588

Copies of the Permit Conditions and Fact Sheet may be viewed on the IDEM web site at: *www.IN.gov/idem/4852.htm*

For More Information, Contact:

Jennifer Reno, IDEM
317/232-3264 or,
(800) 451-6027, press 0, request ext. 2-3264